

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 101111		APPLICATION NO. 09/111,482	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Hiroshi KIGUCHI et al.			
				FILING DATE July 8, 1998		GROUP 1774	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
MEY		5,132,248	07/21/92	DRUMMOND et al.			
MEY		5,214,350	05/25/93	REMEC et al.			
MEY		5,276,380	01/04/94	TANG			
MEY		5,326,692	07/05/94	BRINKLEY et al.			
MEY		5,593,788	01/14/97	SHI et al.			
MEY		5,610,932	03/11/97	KESSLER et al.			
MEY		5,854,139	12/29/98	ARATANI et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
MEY		JP-A-62-31174 (w/English abstract)	02/10/87	Japan			
MEY		JP-A-62-85224 (w/English abstract)	04/18/87	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
MEY	/	LEWIS, Richard J., <i>Hawley's Condensed Chemical Dictionary</i> , Thirteenth Edition, 1997, pp. 820 & 900-901.					(no month)
MEY	.	MORRISON, Robert et al., <i>Organic Chemistry</i> , Fifth Edition, 1987, p. 637.					(no month)
MEY	-	BUDAVARI, Susan et al., <i>The Merck Index An Encyclopedia of Chemicals, Drugs, and Biologicals</i> , Twelfth Edition, 1996, p. 357.					(no month)
MEY	-	ADACHI, Chihaya et al., "Blue light-emitting organic electroluminescent devices", <i>Appl. Phys. Lett.</i> , Vol. 56, No. 9, February 26, 1990, pp. 799-801.					
MEY	.	BURROWS, P.E. et al., "Color-tunable organic light-emitting devices", <i>Appl. Phys. Lett.</i> , Vol. 69, No. 20, November 11, 1996, pp. 2959-2961.					
MEY	-	KIDO, J. et al., "Single-layer white light-emitting organic electroluminescent devices based on dye-dispersed poly(N-vinylcarbazole)", <i>Appl. Phys. Lett.</i> , Vol. 67, No. 16, October 16, 1995, pp. 2281-2283.					
MEY	.	WU, C.C. et al., "Integrated three-color organic light-emitting devices", <i>Appl. Phys. Lett.</i> , Vol. 69, No. 21, November 18, 1996, pp. 3117-3119.					
MEY	.	ZHANG, C. et al., "Blue emission from polymer light-emitting diodes using non-conjugated polymer blends with air-stable electrodes", <i>Synthetic Metals</i> , Vol. 72, 1995, pp. 185-188.					(no month)
MEY	.	ISHIMARU, N. et al., "Development of Color Filters by Pigment Ink Jet Printing (II) (-Production Technology-), <i>SID</i> , 1997, pp. 69-72.					(no month)
EXAMINER				DATE CONSIDERED			
Marie R. Yarnitzky				04/08/02			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 101111		APPLICATION NO. 09/111,482	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Hiroshi KIGUCHI et al.			
				FILING DATE July 8, 1998		GROUP 1774	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
May		EBISAWA, F. et al., "Electrical Properties of polyacetylene/polysiloxane interface", <i>J. Appl. Phys.</i> , Vol. 54, No. 6, June 1983, pp. 3255-3259, <u>3258, 3259</u> .					
		KIDO, Junji et al., "Organic electroluminescent devices based on molecularly doped polymers", <i>Appl. Phys. Lett.</i> , Vol. 61, No. 7, August 17, 1992, pp. 761-763.					
		VAN SLYKE, S.A. et al., "Organic electroluminescent devices with improved stability", <i>Appl. Phys. Lett.</i> , Vol. 69, No. 15, October 7, 1996, pp. 2160-2162.					
		ZHANG, C. et al., "Blue <sup>electroluminescent</sup> electroluminescent diodes utilizing blends of poly( <i>p</i> -phenylphenylene vinylene) in poly(9-vinylcarbazole)", <i>Synthetic Metals</i> , Vol. 62, 1994, pp. 35-40.	(no month)				
		VESTWEBER, H. et al., "Electroluminescence from polymer blends and molecularly doped polymers", <i>Synthetic Metals</i> , Vol. 64, 1994, pp. 141-145.	(no month)				
		NONAKA, Y. et al., "Development of Color Filters by Pigment Ink Jet Printing (I) (Fundamental Technology)", <i>SID</i> , 1997, pp. 238-241.	(no month)				
		WU, Chung-Chih et al., "Efficient Organic Electroluminescent Devices Using Single-Layer Doped Polymer Thin Films with Bipolar Carrier Transport Abilities", <i>IEEE Transactions on Electron Devices</i> , Vol. 44, No. 8, August 1997, pp. 1269-1281.					
		WU, C.C. et al., "Surface modification of indium tin oxide by plasma treatment: An effective method to improve the efficiency, brightness, and reliability of organic light emitting devices", <i>Appl. Phys. Lett.</i> , Vol. 70, No. 11, March 17, 1997, pp. 1348-1350.					
		TIAN, Jing et al., "Luminescent Properties of Conjugated Poly( <i>p</i> -pyridylvinylene) and Poly( <i>p</i> -pyridiniumvinylene)", <i>Polymer Preprints</i> , Vol. 35, No. 2, August 1994, pp. 761-762.					
		MARSELLS, Michael J. et al. "Regiochemical Consequences in Poly(2,5-Pyridinium Vinylene): Kekule' and Non-Kekule' Conductive Polymers", <i>Polymer Preprints</i> , Vol. 33, No. 1, April 1992, pp. 1196-1197.					
		HOSOKAWA, Chishio et al., "Highly efficient blue electroluminescence from a distyrylarylene emitting layer with a new dopant", <i>Appl. Phys. Lett.</i> , Vol. 67, No. 26, December 25, 1995, pp. 3853-3855.					
		HEBNER, T.R. et al. "Ink-jet printing of doped polymers for organic light emitting devices", <i>Appl. Phys. Lett.</i> , Vol. 72, No. 5, February 2, 1998, pp. 519-521.					
		MAYO, Jonathan W. et al., "16.3: Colour Filters for Flat Panel Displays by High Definition Ink Jet Printing", <i>Euro Display '96</i> , October 1-3, 1996, pp. 537-540.					
		PARKER, I.D. et al., "Efficient blue electroluminescence from a fluorinated polyquinoline", <i>Appl. Phys. Lett.</i> , Vol. 65, No. 10, September 5, 1994, pp. 1272-1274.					
		TIAN, Jing et al., "Photophysical Properties, Self-Assembled Thin Films, and Light-Emitting Diodes of Poly( <i>p</i> -pyridylvinylene)s and Poly( <i>p</i> -pyridinium vinylene)s", <i>Chem. Mater.</i> , Vol. 7, No. 11, 1995, pp. 2190-2198.	(no month)				
		TIAN, Jing et al., "Electroluminescent Properties of Self-Assembled Polymer Thin Films", <i>Adv. Mater.</i> , Vol. 7, No. 4, 1995, pp. 395-398.	(no month)				
May		JOHNSON, G.E. et al., "Electroluminescence from single layer molecularly doped polymer films", <i>Pure &amp; Appl. Chem.</i> , Vol. 67, No. 1, 1995, pp. 175-182.	(no month)				
EXAMINER				DATE CONSIDERED			
Maie R. Yarnitzky				04/08/02			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							